

CMSC 131 Quiz 4 Worksheet

The next quiz for the course will be on Fri, April 24. The following list provides additional information about the quiz.

- The quiz will be posted on Fri, April 24, 9 AM (morning), and due the same day, Fri, April 24, at **2 PM** (afternoon), **NOT 5 pm**.
- The quiz will be only about memory maps (you don't have to write any code). You need to be able to draw memory maps as described at <http://www.cs.umd.edu/~nelson/classes/resources/MemoryMapsInformation/>. You should know how to draw maps for one and two dimensional arrays, but you are not responsible for code that is recursive (factorial example in the above reference).
- To create and submit your answers:
 - How to create the memory map? You can draw it in a piece of paper, take a picture and place the picture in the google document described below. You could also use a drawing program, but you will not get any extra credit for doing so. No matter what approach you decide to use, test the approach before the day of the quiz and make sure your diagram is clear.
 - Download the following .docx document:

<http://www.cs.umd.edu/class/spring2020/cmcs131/quizzes/quiz4/MemoryMapAnswerSheetGoogleDoc.docx>

and upload it to google docs. If you have never used google docs, it is simple. Just explore and feel free to ask a TA, but do not wait until the day of the quiz to learn how to use it. You should also be able to modify the document using word in your computer, but try google docs.

- Add a picture/diagram with your map to the above document (MemoryMapAnswerSheetGoogleDoc.docx). Add the picture in the rectangular area we have provided. **Export the document with your diagram as a pdf file.** The following is an example of what we expect:

<http://www.cs.umd.edu/class/spring2020/cmcs131/quizzes/quiz4/Example.pdf>

- Log on to Gradescope, and look for the entry named **MemoryMapQuiz** and click on that entry. You will see a dialog box that allows you to select the file with your answers (remember, it has to be a pdf file). After uploading the file, you will see your document (make sure is the correct one).
- You can submit as many times as you want before the deadline; we will only grade your last submission. After you submit your document, you will get an e-mail notification regarding your submission.
- **You should try to submit a sample pdf file before the quiz day so you can address any doubts you might have.**
- You can only post clarification questions in Piazza.
- **Posting of any kind of diagram in Piazza, during the quiz period, represents an academic integrity violation and will be reported as such.**
- There is no late submission period, therefore you need to submit often and before the specified deadline.
- You must work by yourself.
- You can use class resources (lecture notes, lecture/lab examples, videos, etc.), but no other resources (e.g., code from the web).
- All submissions must be done via Gradescope (no e-mail).
- Sharing of quiz solutions represents an academic integrity violation and will be reported as such.
- Do not wait until close to the deadline to submit your work. Network problems or Gradescope overloading are not valid excuses for missing a quiz submission.
- If you are an ADS student: The time frame provided takes into consideration your time allocation. If you need any other assistance, contact your instructor. Ignore this entry if you don't know what an ADS is.
- **Dear Students: it is in your best interest to complete this work by yourself, and following the guidelines provided above. You need to identify which topics you understand and which ones you don't, so you can be successful in CMSC132.**

Practice Material

- <http://www.cs.umd.edu/~nelson/classes/resources/cmcs131/SampleMemoryMap.pdf>
- Previous quizzes
 - <http://www.cs.umd.edu/class/spring2020/cmcs131/quizzes/quiz4/PreviousQuiz1.pdf>
 - <http://www.cs.umd.edu/class/spring2020/cmcs131/quizzes/quiz4/PreviousQuiz1Soln.pdf>
 - <http://www.cs.umd.edu/class/spring2020/cmcs131/quizzes/quiz4/PreviousQuiz2.pdf>
 - <http://www.cs.umd.edu/class/spring2020/cmcs131/quizzes/quiz4/PreviousQuiz2Soln.pdf>